



PDMP Brief – Q3 2018 – Boone County

The St. Louis County Prescription Drug Monitoring Program (PDMP) monitors the prescribing and dispensing of schedule II-IV controlled substances to assist in the identification and prevention of prescription drug misuse and abuse. The program’s goals are to 1) improve controlled substance prescribing, 2) inform clinical practice, and 3) reduce the number of people who misuse, abuse, or overdose.

The St. Louis County PDMP launched on April 25, 2017, with 14 jurisdictions participating in the initial implementation. Saint Louis County Department of Public Health (DPH) operates the PDMP on behalf of all participating jurisdictions. As of September 30, 2018, 71 jurisdictions have enacted legislation to participate in the St. Louis County PDMP.

As of 9/30/2018, there are over 13,430 approved users within the system.

Figure 1 represents approved user counts for the total PDMP by quarter as well as the average number of patient searches performed per day. System utilization has increased as both the number of approved users and participating jurisdictions have increased. In Q3 2018, over 4,500 patient searches were performed daily by healthcare providers. Increasing utilization of the PDMP is a continued focus of DPH.

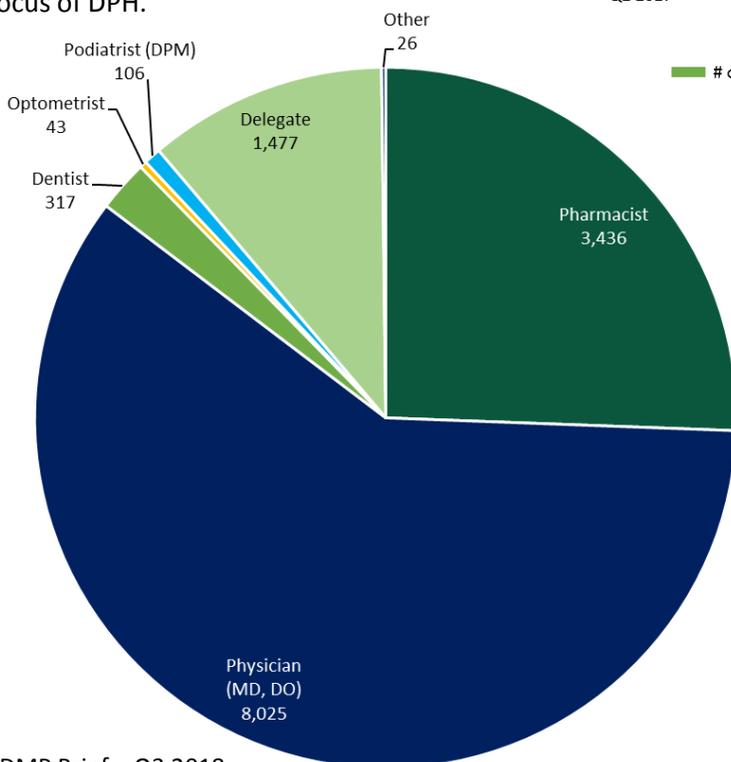
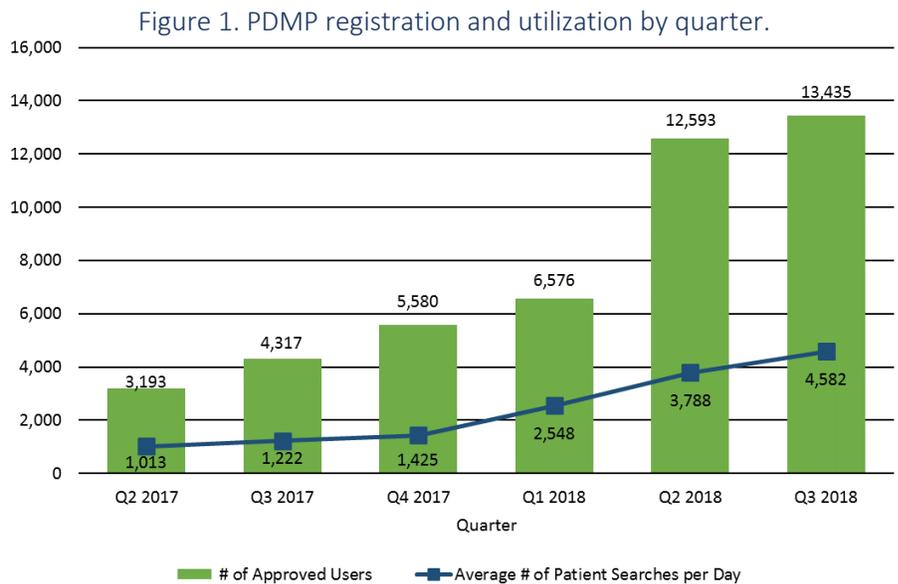


Figure 2. PDMP approved user counts by user role. Figure 2 represents approved users by role. As of 9/30/18, there were more than 13,430 approved users in the PDMP. The increase in users in Q2 2018 was a result of mass provider registration; mass registration is where a health system, hospital, medical group, or healthcare practice can bulk register their healthcare providers in the PDMP.

63% of PDMP users are prescribers (physicians, dentists, optometrists, and podiatrists).

26% of users are pharmacists.

Additional information on the PDMP can be found at www.stlouisco.com/PDMP or by contacting DPH at PDMP.DPH@stlouisco.com or 314-615-0522.



Opioid Dispensations

Across all age groups, opioids were the most frequently prescribed schedule II-IV controlled substance drug type. Opioids comprise ~40% of all controlled substances dispensed. Hydrocodone, oxycodone, and tramadol were the three most frequently prescribed opioids (over 82% of opioid prescriptions).

Boone County's opioid dispensation rate was 513.8 opioid prescriptions per 1,000 population which is significantly lower than the total system (689.4 opioid prescriptions per 1,000 population).

Figure 3. Opioid dispensation rates per 1,000 by patient location.

Figure 3 represents opioid dispensation rates per 1,000 population for each jurisdiction compared to the total system. Jurisdictions were categorized as either higher, lower, or not different than the overall dispensation rate based on statistical significance at $\alpha=0.05$.

*Rates represent projected annual rates based on one quarter of data.

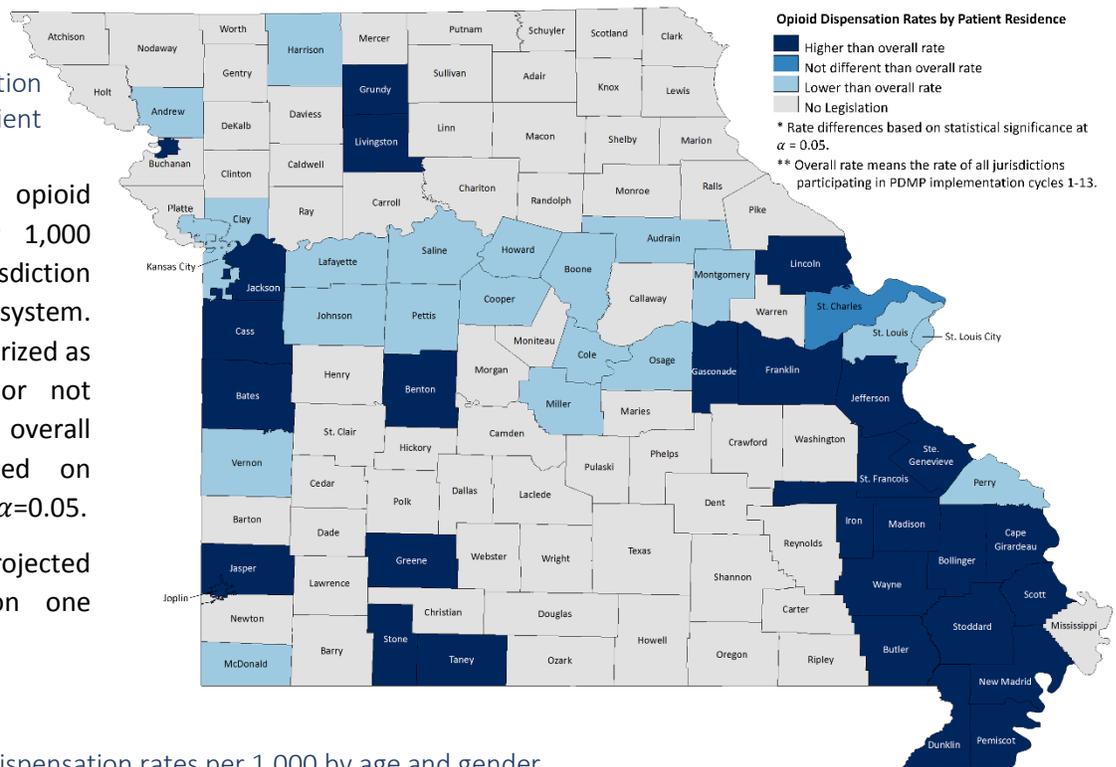
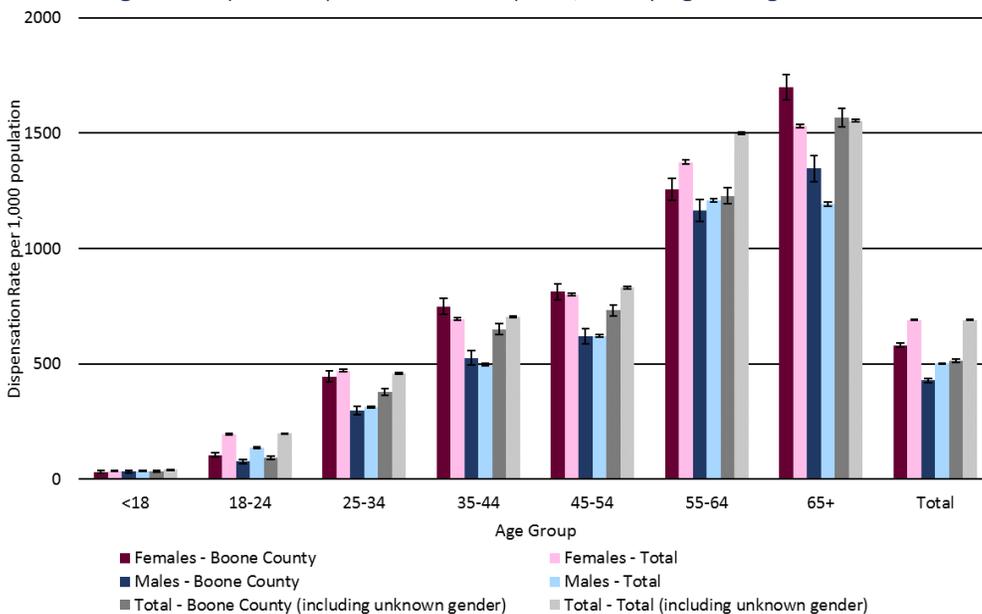


Figure 4. Opioid dispensation rates per 1,000 by age and gender.



Opioid dispensation rates increase as patient age increases.

Females received higher rates of opioid prescriptions than males across all age groups as displayed in Figure 4.

Across both genders, Boone County residents aged 65+ received the highest rates of opioids compared to all other age groups – more than 1.5 opioid prescriptions per Boone County resident aged 65+.



Table 1a. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions A-M.

Opioids	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI
Jurisdiction	<18		18-24		25-34		35-44		45-54		55-64		65+		Total	
Andrew County	39.4	(27.3, 51.4)	195.1	(147.3, 242.9)	370.3	(315.6, 425.0)	529.9	(469.2, 590.7)	657.8	(596.5, 719.0)	1053.5	(970.3, 1136.8)	1317.4	(1230.5, 1404.3)	581.6	(558.8, 604.3)
Female	33.8	(17.7, 49.8)	169.4	(106.7, 232.2)	376.0	(298.8, 453.3)	432.3	(354.7, 510.0)	583.2	(502.0, 664.4)	963.6	(850.3, 1076.9)	1234.4	(1122.8, 1346.0)	547.3	(516.3, 578.2)
Male	42.8	(25.3, 60.3)	141.3	(83.6, 199.1)	274.4	(207.2, 341.6)	395.3	(321.1, 469.5)	449.1	(377.2, 521.0)	816.3	(713.2, 919.3)	1098.4	(977.7, 1219.2)	436.0	(408.0, 464.1)
Audrain County	27.6	(19.5, 35.8)	248.4	(205.6, 291.3)	420.5	(360.0, 465.1)	594.0	(539.9, 648.1)	789.1	(731.0, 847.2)	1283.3	(1202.8, 1363.9)	1075.4	(1011.8, 1139.0)	589.0	(570.1, 607.8)
Female	24.2	(13.0, 35.4)	287.4	(225.6, 349.3)	396.1	(340.2, 452.0)	643.4	(568.8, 718.0)	897.5	(812.6, 982.4)	1400.4	(1283.3, 1517.4)	1123.3	(1038.3, 1208.2)	649.9	(622.9, 676.9)
Male	30.6	(18.9, 42.4)	199.6	(141.9, 257.2)	426.4	(355.5, 497.3)	528.4	(450.5, 606.2)	665.5	(587.4, 743.6)	1149.9	(1040.2, 1259.6)	995.9	(907.1, 1091.0)	512.0	(486.1, 537.8)
Bates County	54.5	(40.5, 68.6)	256.9	(200.3, 313.6)	630.1	(566.4, 711.7)	930.0	(844.5, 1015.4)	941.4	(867.0, 1015.9)	1889.5	(1772.4, 2006.6)	1636.3	(1545.0, 1727.6)	877.2	(849.1, 905.4)
Female	54.3	(34.2, 74.4)	337.7	(245.1, 430.4)	619.0	(509.9, 711.1)	1103.4	(970.3, 1236.6)	1116.7	(1002.3, 1231.1)	1860.8	(1699.0, 2022.6)	1740.9	(1615.4, 1866.4)	970.1	(928.6, 1011.7)
Male	43.8	(26.3, 61.3)	159.7	(97.1, 222.4)	641.9	(539.5, 744.3)	684.0	(581.5, 786.5)	679.0	(589.4, 768.5)	1767.8	(1605.0, 1930.6)	1398.9	(1271.4, 1526.5)	717.0	(680.8, 753.2)
Benton County	27.9	(16.8, 39.1)	252.3	(192.3, 312.3)	475.9	(409.9, 549.0)	652.5	(579.5, 725.5)	954.7	(883.5, 1025.9)	1514.7	(1432.7, 1596.7)	1354.1	(1289.2, 1419.1)	884.7	(862.0, 915.5)
Female	14.4	(2.9, 25.9)	340.4	(239.8, 441.0)	616.7	(498.8, 734.7)	624.3	(524.4, 724.3)	975.3	(872.4, 1078.2)	1417.3	(1306.6, 1528.0)	1478.3	(1382.9, 1573.8)	925.6	(886.9, 964.2)
Male	31.7	(15.1, 48.2)	164.0	(97.0, 231.0)	290.3	(209.8, 370.7)	634.1	(531.2, 737.0)	826.6	(738.9, 919.3)	1532.1	(1413.8, 1650.3)	1180.0	(1093.6, 1266.2)	798.0	(762.1, 833.8)
Bollinger County	42.5	(27.5, 57.5)	183.9	(129.6, 238.2)	577.7	(494.2, 661.2)	828.5	(736.9, 920.1)	1109.2	(1015.7, 1202.6)	1899.3	(1767.9, 2030.8)	1633.8	(1543.2, 1744.2)	892.0	(858.7, 925.3)
Female	29.5	(18.8, 60.1)	209.6	(127.5, 291.8)	633.0	(507.0, 758.9)	796.9	(678.5, 924.4)	1086.7	(954.6, 1218.8)	1859.7	(1675.4, 2044.0)	1574.9	(1423.4, 1740.3)	924.9	(876.9, 972.8)
Male	40.1	(19.8, 60.3)	133.3	(68.0, 198.7)	478.1	(372.6, 583.5)	775.1	(648.0, 902.1)	1053.3	(922.9, 1177.7)	1853.8	(1670.5, 2037.1)	1351.2	(1204.8, 1497.7)	797.8	(753.3, 842.3)
Boone County	32.2	(28.4, 36.0)	91.7	(85.3, 98.2)	377.3	(361.9, 392.6)	649.6	(626.4, 672.7)	731.6	(707.8, 755.5)	1228.6	(1194.3, 1267.4)	1567.4	(1549.3, 1585.2)	518.8	(506.8, 520.8)
Female	31.4	(26.1, 36.8)	103.7	(94.2, 113.1)	445.1	(414.5, 468.7)	749.3	(714.5, 784.1)	813.3	(778.6, 848.0)	1255.8	(1207.8, 1303.7)	1697.8	(1642.9, 1752.8)	580.7	(570.4, 591.0)
Male	32.3	(27.0, 37.6)	76.1	(67.6, 84.6)	297.4	(278.3, 316.6)	525.9	(496.1, 555.7)	620.1	(589.1, 651.9)	1165.9	(1117.8, 1214.1)	1346.6	(1289.9, 1403.9)	428.3	(419.2, 437.5)
Butler County	53.4	(44.3, 62.4)	323.2	(285.7, 360.6)	802.9	(733.3, 852.5)	1226.6	(1166.2, 1287.0)	1332.5	(1275.2, 1389.8)	1995.7	(1921.8, 2069.7)	1683.7	(1624.0, 1743.4)	1022.7	(1003.5, 1041.8)
Female	45.3	(33.3, 57.3)	359.5	(303.6, 415.4)	893.9	(821.9, 965.9)	1181.6	(1098.7, 1264.6)	1321.3	(1241.7, 1400.8)	1903.3	(1803.5, 2003.1)	1630.9	(1552.9, 1708.9)	1032.0	(1005.3, 1058.8)
Male	50.0	(37.8, 62.3)	201.0	(159.3, 242.8)	504.4	(447.2, 561.7)	972.2	(895.3, 1049.2)	942.0	(872.9, 1011.0)	1589.5	(1493.9, 1685.2)	1207.5	(1130.7, 1284.3)	735.0	(711.6, 758.4)
Cape Girardeau County	37.4	(31.5, 43.2)	156.8	(141.7, 171.9)	590.6	(559.7, 621.5)	787.1	(750.1, 824.1)	861.5	(825.8, 897.1)	1469.8	(1419.5, 1520.0)	1735.6	(1686.0, 1785.3)	736.8	(724.6, 749.0)
Female	28.5	(21.2, 35.8)	149.2	(128.8, 169.6)	654.4	(608.3, 700.5)	757.0	(705.7, 807.6)	875.4	(825.3, 926.2)	1494.7	(1424.1, 1565.3)	1762.0	(1696.4, 1827.5)	772.1	(754.7, 789.5)
Male	38.8	(30.4, 47.2)	122.3	(103.0, 141.6)	431.8	(394.5, 469.1)	665.9	(617.4, 714.4)	678.0	(632.9, 723.1)	1199.1	(1133.8, 1264.2)	1452.8	(1382.6, 1523.0)	578.0	(562.4, 593.5)
Cass County	44.0	(39.0, 49.1)	271.4	(248.0, 294.9)	501.1	(475.8, 526.3)	684.6	(656.4, 712.8)	862.4	(832.9, 892.0)	1740.2	(1691.7, 1788.7)	1386.9	(1643.0, 1730.8)	745.0	(734.3, 755.7)
Female	29.1	(23.2, 34.9)	202.3	(173.2, 231.5)	323.2	(295.0, 351.5)	512.7	(478.5, 546.9)	671.8	(635.3, 708.4)	1393.7	(1333.7, 1453.7)	1610.0	(1552.8, 1667.2)	634.4	(620.6, 648.3)
Male	28.4	(22.7, 34.1)	133.8	(110.9, 156.7)	254.1	(228.2, 279.9)	358.3	(329.2, 387.4)	478.3	(447.0, 509.6)	1114.3	(1058.1, 1170.5)	1099.9	(1046.4, 1153.3)	430.0	(418.3, 441.7)
City of St. Joseph	40.3	(34.5, 46.2)	184.7	(166.9, 202.6)	549.6	(521.6, 577.6)	841.5	(804.0, 878.9)	1050.9	(1012.1, 1089.8)	1945.3	(1885.8, 2004.8)	1632.4	(1583.8, 1681.1)	794.8	(782.2, 807.5)
Female	30.7	(23.4, 38.0)	141.5	(119.2, 163.9)	523.3	(483.4, 563.3)	776.0	(723.4, 828.5)	918.9	(866.6, 971.1)	1532.9	(1459.4, 1606.4)	1365.7	(1308.6, 1422.8)	703.5	(686.8, 720.3)
Male	35.3	(27.6, 42.9)	114.4	(94.7, 134.0)	310.4	(281.5, 339.2)	495.5	(454.1, 535.0)	682.2	(638.7, 725.8)	1424.2	(1351.0, 1497.5)	1271.0	(1202.5, 1339.4)	511.1	(506.6, 525.6)
Clay County	51.9	(46.5, 57.2)	214.1	(194.8, 233.4)	326.6	(308.7, 344.6)	598.9	(576.6, 623.2)	766.4	(739.3, 793.5)	1330.0	(1289.2, 1370.7)	1640.7	(1595.3, 1686.1)	612.3	(603.0, 616.6)
Female	39.2	(32.5, 45.8)	167.3	(143.2, 191.4)	250.2	(228.2, 272.2)	507.1	(475.7, 538.5)	579.8	(546.7, 612.8)	978.5	(930.2, 1026.7)	1352.8	(1298.4, 1407.3)	499.9	(488.2, 511.7)
Male	36.3	(30.1, 42.6)	97.8	(79.3, 116.3)	186.2	(167.3, 206.1)	282.1	(258.4, 305.8)	393.8	(361.1, 421.5)	836.5	(789.8, 883.4)	1055.6	(999.8, 1111.4)	340.7	(330.8, 350.6)
Cole County	40.8	(34.9, 46.7)	200.2	(179.1, 221.3)	401.0	(376.7, 425.2)	566.6	(537.4, 595.7)	680.6	(650.4, 710.7)	1120.9	(1078.5, 1163.4)	1396.7	(1348.7, 1444.6)	575.1	(564.3, 585.9)
Female	36.0	(28.1, 43.9)	240.7	(207.9, 273.6)	544.7	(501.1, 586.3)	720.3	(671.9, 768.8)	766.2	(720.3, 812.1)	1188.2	(1126.5, 1249.8)	1424.7	(1361.0, 1488.5)	659.8	(643.4, 676.2)
Male	42.0	(33.6, 50.5)	144.7	(119.6, 169.9)	253.4	(227.1, 279.7)	396.3	(363.1, 429.5)	563.0	(524.8, 601.3)	969.1	(913.2, 1025.1)	1280.2	(1209.6, 1350.9)	456.4	(442.9, 470.0)
Cooper County	29.2	(18.5, 39.8)	108.4	(77.1, 139.8)	279.2	(237.0, 321.4)	435.4	(378.5, 492.3)	503.6	(449.1, 558.2)	787.3	(712.2, 862.4)	380.9	(361.9, 399.1)		
Female	18.7	(6.5, 31.0)	208.3	(133.8, 282.9)	466.6	(381.8, 555.4)	571.4	(476.8, 666.1)	626.3	(539.3, 713.3)	1016.4	(897.1, 1135.7)	780.5	(624.1, 792.9)	499.2	(468.8, 529.5)
Male	35.0	(18.8, 51.2)	50.0	(23.8, 76.1)	146.8	(106.8, 185.4)	250.2	(190.8, 309.7)	328.8	(276.4, 401.3)	481.8	(397.7, 566.0)	508.2	(493.0, 667.4)	242.6	(222.5, 262.6)
Dunkin County	61.0	(41.1, 60.8)	211.6	(176.4, 246.7)	847.6	(787.6, 907.7)	1298.9	(1226.9, 1369.6)	1838.2	(1758.3, 1918.1)	2442.0	(2345.4, 2538.5)	1840.5	(1767.3, 1913.8)	1150.6	(1127.0, 1174.1)
Female	53.0	(47.7, 79.3)	254.8	(201.2, 308.3)	1103.2	(1008.5, 1219.2)	1469.9	(1363.9, 1575.9)	2073.4	(1954.7, 2193.0)	2418.1	(2285.8, 2550.3)	1924.6	(1826.1, 2023.1)	1284.4	(1249.9, 1318.8)
Male	38.3	(26.4, 50.2)	164.8	(120.0, 209.6)	557.8	(482.2, 628.4)	1100.3	(1006.1, 1194.5)	1562.2	(1456.8, 1667.6)	2449.7	(2308.9, 2590.5)	1685.4	(1577.4, 1793.5)	960.1	(958.0, 1021.6)
Franklin County	41.9	(36.8, 47.0)	259.4	(237.7, 281.2)	693.3	(663.3, 723.3)	819.3	(791.7, 1032.5)	1002.1	(971.7, 1032.5)	1974.8	(1788.2, 2024.5)	1762.0	(1578.0, 1806.0)	866.0	(854.6, 877.5)
Female	42.3	(35.0, 49.6)	271.1	(239.3, 302.9)	767.8	(722.8, 812.8)	884.3									



Table 1b. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions N-Z.

Opioids	Rate	<18	18-24	25-34	35-44	45-54	55-64	65+	Total							
Jurisdiction	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI						
Madison County	60.0	(42.3, 77.8)	309.2	(241.4, 376.9)	744.3	(652.2, 836.3)	1151.9	(1039.3, 1264.5)	1443.1	(1333.1, 1553.0)	2501.0	(2341.6, 2660.4)	1866.2	(1751.1, 1981.2)	1111.1	(1073.7, 1148.4)
Female	59.4	(34.0, 84.8)	399.2	(290.7, 507.7)	901.5	(757.7, 1045.3)	1129.2	(973.1, 1285.3)	1625.0	(1461.0, 1789.0)	2340.7	(2124.4, 2557.0)	2106.5	(1942.4, 2270.6)	1212.8	(1158.1, 1267.6)
Male	55.4	(31.7, 79.1)	210.1	(130.9, 289.4)	542.0	(431.2, 652.7)	1128.7	(969.4, 1287.9)	1181.9	(1040.4, 1323.4)	2618.3	(2385.7, 2850.8)	1533.7	(1377.4, 1690.0)	970.5	(920.7, 1020.4)
McDonald County	27.2	(19.1, 35.2)	152.4	(117.7, 187.1)	239.2	(202.6, 275.8)	333.8	(292.6, 375.0)	581.4	(530.0, 632.4)	917.7	(844.4, 991.0)	972.6	(900.7, 1044.6)	403.9	(387.5, 420.3)
Female	23.0	(12.4, 33.6)	170.7	(117.1, 224.2)	302.3	(243.9, 360.7)	328.7	(270.6, 386.7)	647.5	(570.2, 724.7)	976.4	(869.6, 1083.2)	1002.6	(902.5, 1102.8)	440.9	(416.5, 465.3)
Male	31.1	(19.1, 43.0)	120.6	(78.2, 163.1)	165.2	(122.3, 208.1)	336.2	(277.9, 394.4)	512.8	(445.2, 580.4)	797.6	(700.8, 898.2)	932.6	(829.6, 1035.6)	356.4	(334.7, 378.1)
Miller County	23.4	(15.8, 31.1)	140.7	(107.0, 174.4)	306.6	(265.5, 347.7)	329.4	(288.7, 370.1)	519.1	(472.9, 565.2)	862.4	(798.1, 926.7)	955.6	(894.2, 1017.0)	432.7	(416.3, 449.1)
Female	23.0	(12.1, 33.9)	210.8	(151.7, 269.8)	369.9	(306.1, 433.7)	337.3	(279.1, 395.5)	539.7	(472.2, 605.3)	943.7	(848.9, 1039.4)	1104.0	(1014.9, 1193.2)	497.3	(472.6, 522.1)
Male	23.9	(13.1, 34.6)	73.8	(39.7, 108.0)	237.7	(186.5, 288.8)	308.5	(252.8, 364.2)	490.9	(427.5, 554.4)	759.7	(674.1, 845.4)	769.1	(687.3, 851.0)	360.2	(339.0, 381.4)
Montgomery County	40.7	(25.9, 55.5)	197.2	(137.5, 256.8)	395.4	(316.9, 463.9)	683.1	(595.8, 770.5)	740.1	(668.8, 816.5)	1375.2	(1261.1, 1489.3)	1091.9	(1006.2, 1177.5)	646.3	(617.8, 674.8)
Female	35.7	(15.5, 55.9)	246.2	(147.7, 344.6)	425.8	(326.7, 524.8)	740.5	(609.1, 871.9)	829.3	(715.5, 943.1)	1569.6	(1394.9, 1744.4)	1221.2	(1100.3, 1342.1)	742.1	(698.9, 785.2)
Male	45.1	(23.6, 66.5)	129.9	(64.1, 195.6)	337.6	(246.7, 428.5)	591.4	(478.8, 703.9)	612.2	(513.6, 710.8)	1190.9	(1042.7, 1339.1)	926.1	(807.0, 1035.4)	535.5	(498.8, 572.1)
New Madrid County	36.3	(25.2, 47.5)	165.5	(124.6, 206.3)	577.2	(494.4, 620.0)	838.5	(764.4, 912.6)	1082.7	(1006.2, 1159.2)	1774.4	(1670.4, 1878.5)	1804.9	(1709.5, 1900.4)	877.4	(850.7, 904.1)
Female	32.6	(17.5, 47.7)	210.8	(145.5, 276.1)	603.0	(512.9, 693.1)	905.9	(797.2, 1014.5)	1235.5	(1122.5, 1348.6)	1883.8	(1735.0, 2032.6)	1854.0	(1727.0, 1981.0)	971.2	(932.2, 1010.1)
Male	36.4	(20.8, 52.0)	89.0	(46.7, 131.3)	459.6	(376.7, 542.5)	623.3	(527.7, 713.8)	853.1	(754.8, 951.5)	1533.9	(1394.3, 1673.5)	1558.7	(1421.8, 1695.6)	697.8	(663.5, 732.2)
Osage County	41.9	(28.2, 55.6)	129.7	(90.5, 169.0)	235.8	(186.8, 284.7)	330.4	(273.3, 383.4)	482.0	(422.9, 541.2)	1017.7	(920.1, 1115.2)	1090.0	(1000.2, 1179.8)	448.2	(425.9, 470.5)
Female	21.6	(7.5, 35.7)	260.7	(170.4, 351.0)	322.0	(238.4, 405.6)	443.4	(355.6, 531.2)	468.0	(382.4, 553.5)	1145.8	(995.7, 1295.8)	1060.4	(941.0, 1179.8)	503.4	(469.3, 537.5)
Male	56.7	(34.4, 78.9)	49.8	(18.9, 80.6)	154.6	(100.2, 209.0)	187.0	(131.1, 242.8)	490.7	(409.2, 572.3)	892.0	(765.8, 1018.2)	1109.2	(974.1, 1244.3)	387.3	(358.6, 416.0)
Pemiscot County	27.8	(18.6, 37.0)	218.6	(173.0, 264.3)	808.4	(731.3, 885.6)	1097.0	(1008.3, 1185.7)	1630.7	(1531.6, 1729.8)	2716.9	(2578.4, 2855.4)	1987.4	(1880.9, 2093.9)	1097.7	(1050.5, 1121.0)
Female	42.0	(25.8, 58.1)	223.8	(159.8, 287.8)	924.7	(812.5, 1036.9)	1231.3	(1100.8, 1361.8)	1674.2	(1534.9, 1813.5)	2718.2	(2526.7, 2909.7)	2116.6	(1973.0, 2260.2)	1183.3	(1139.8, 1226.9)
Male	12.5	(3.8, 21.2)	213.0	(147.8, 278.2)	654.8	(522.4, 757.3)	917.7	(800.9, 1034.6)	1564.1	(1424.0, 1704.2)	2700.1	(2500.1, 2900.1)	1790.1	(1633.1, 1947.2)	975.6	(934.1, 1017.1)
Perry County	37.8	(26.8, 48.8)	252.0	(200.8, 303.3)	469.7	(413.3, 526.0)	560.6	(500.4, 620.8)	642.9	(583.2, 702.5)	1148.2	(1061.5, 1234.9)	1071.6	(997.0, 1146.2)	559.0	(537.7, 580.2)
Female	39.9	(23.6, 56.2)	285.7	(206.5, 364.9)	629.3	(535.8, 722.8)	562.6	(476.5, 648.7)	690.3	(602.7, 777.8)	1345.9	(1212.7, 1479.2)	1105.2	(1004.7, 1205.6)	639.9	(601.9, 665.9)
Male	35.8	(20.8, 50.8)	201.0	(137.9, 264.1)	304.8	(241.5, 368.1)	525.6	(443.9, 607.3)	587.1	(506.5, 667.6)	926.5	(816.8, 1036.2)	993.0	(883.6, 1102.3)	466.7	(439.2, 494.2)
Pettis County	32.6	(25.8, 39.5)	217.2	(188.3, 246.2)	453.3	(411.1, 489.4)	571.3	(529.2, 613.4)	723.2	(680.7, 765.8)	1367.6	(1301.6, 1433.7)	1247.8	(1192.2, 1303.4)	597.8	(583.1, 612.6)
Female	28.6	(19.5, 37.7)	203.4	(163.9, 242.9)	446.3	(395.3, 497.3)	521.5	(464.5, 578.6)	564.3	(510.9, 617.7)	1112.5	(1028.6, 1196.4)	1231.7	(1158.9, 1304.5)	551.5	(531.6, 571.4)
Male	21.2	(13.5, 28.9)	140.0	(107.0, 173.1)	241.1	(204.1, 278.1)	337.6	(292.0, 383.3)	536.4	(484.8, 588.1)	999.6	(919.5, 1079.7)	839.8	(769.8, 909.8)	392.5	(375.5, 409.6)
Saline County	39.3	(28.7, 49.9)	109.5	(84.7, 134.3)	350.4	(306.0, 394.7)	642.3	(580.6, 703.9)	601.0	(548.0, 654.0)	1135.0	(1057.6, 1212.4)	1171.1	(1101.4, 1240.9)	545.7	(526.7, 564.6)
Female	35.0	(20.7, 49.3)	140.6	(99.0, 182.1)	418.9	(350.5, 487.3)	608.2	(524.1, 692.2)	649.0	(570.5, 727.4)	1091.4	(983.2, 1199.6)	1216.8	(1123.9, 1309.8)	584.8	(557.2, 612.4)
Male	33.2	(19.6, 46.8)	67.2	(40.9, 93.6)	211.0	(162.3, 259.7)	517.6	(438.7, 596.6)	405.5	(344.4, 466.7)	879.6	(783.9, 975.2)	822.9	(732.2, 913.7)	378.3	(355.9, 400.7)
Scott County	33.7	(26.5, 41.0)	296.8	(259.3, 334.3)	738.0	(668.8, 787.2)	1058.5	(1000.8, 1116.2)	1323.8	(1264.1, 1383.4)	2004.9	(1925.9, 2083.8)	2058.6	(1985.2, 2132.0)	1007.3	(987.4, 1027.1)
Female	29.3	(19.6, 39.0)	314.1	(260.4, 367.9)	839.9	(767.0, 912.7)	968.6	(891.2, 1046.0)	1327.4	(1244.0, 1410.8)	1906.2	(1800.0, 2012.3)	1925.1	(1832.1, 2018.1)	1011.2	(983.8, 1038.9)
Male	22.9	(14.5, 31.2)	187.3	(144.7, 230.0)	511.1	(452.1, 570.1)	910.0	(833.7, 986.3)	1051.0	(974.8, 1127.2)	1746.8	(1639.6, 1853.9)	1850.0	(1742.4, 1957.7)	810.2	(784.5, 830.9)
St. Charles County	49.1	(46.3, 52.0)	251.6	(240.5, 262.8)	453.7	(441.6, 465.8)	700.7	(686.2, 715.3)	744.9	(730.7, 759.0)	1523.1	(1499.2, 1547.0)	1841.0	(1814.5, 1867.5)	689.7	(684.3, 695.2)
Female	42.1	(38.4, 45.9)	250.0	(234.1, 266.0)	486.2	(468.6, 503.8)	689.2	(668.9, 709.5)	707.5	(688.1, 726.8)	1382.6	(1351.0, 1414.1)	1878.4	(1842.8, 1914.0)	697.1	(689.5, 704.8)
Male	42.0	(38.3, 45.7)	184.4	(171.1, 197.8)	298.0	(280.4, 311.9)	507.5	(489.8, 525.2)	549.1	(531.8, 566.4)	1232.1	(1201.0, 1263.2)	1414.6	(1379.4, 1449.7)	503.0	(496.4, 509.7)
St. Francois County	50.2	(42.9, 57.6)	252.6	(227.5, 277.8)	630.8	(598.6, 663.0)	1264.7	(1217.3, 1312.1)	1557.3	(1508.3, 1606.3)	2941.8	(2864.1, 3019.5)	2130.4	(2071.3, 2189.6)	1177.8	(1155.8, 1178.8)
Female	50.2	(39.7, 60.7)	353.0	(307.4, 398.7)	810.5	(753.3, 867.6)	1672.8	(1589.9, 1755.8)	1769.4	(1691.4, 1847.4)	2991.2	(2878.8, 3103.6)	2228.0	(2147.6, 2308.4)	1347.8	(1321.8, 1378.8)
Male	45.4	(35.7, 55.1)	154.9	(109.0, 180.9)	431.2	(396.6, 465.8)	853.4	(801.8, 905.1)	1207.5	(1149.4, 1265.6)	2513.0	(2412.9, 2613.1)	1693.3	(1613.2, 1773.4)	881.0	(861.2, 900.7)
St. Louis City	25.6	(23.2, 28.0)	129.0	(121.9, 136.2)	406.2	(395.8, 416.6)	641.4	(625.7, 657.0)	744.2	(728.2, 760.2)	1382.6	(1357.9, 1407.4)	1259.8	(1236.3, 1283.2)	568.6	(563.4, 573.8)
Female	22.3	(19.1, 25.5)	141.4	(131.1, 151.7)	421.2	(406.4, 436.1)	670.7	(647.9, 693.4)	723.3	(701.0, 745.6)	1348.9	(1315.0, 1382.9)	1201.4	(1172.2, 1230.5)	580.6	(573.3, 588.0)
Male	24.8	(21.5, 28.1)	98.5	(89.5, 107.5)	319.9	(306.7, 333.1)	501.3	(481.9, 520.8)	649.9	(628.9, 671.0)	1185.9	(1152.8, 1219.0)	1126.8	(1091.0, 1162.6)	463.5	(456.7, 470.3)
St. Louis County	36.0	(34.4, 37.5)	198.3	(192.3, 204.2)	390.8	(383.8, 397.8)	536.5	(528.3, 544.7)	603.8	(596.1, 611.5)	1116.5	(1104.9, 1128.0)	1377.6	(1365.7, 1389.5)	583.1	(580.1, 586.1)
Female	30.2	(28.1, 32.2)	202.6	(194.1, 211.0)	426.6	(416.4, 436.7)	553.5	(542.0, 564.9)	617.							